Cyanocobalamin

Catalog No: #S1040

Orders: order@signalwayantibody.com
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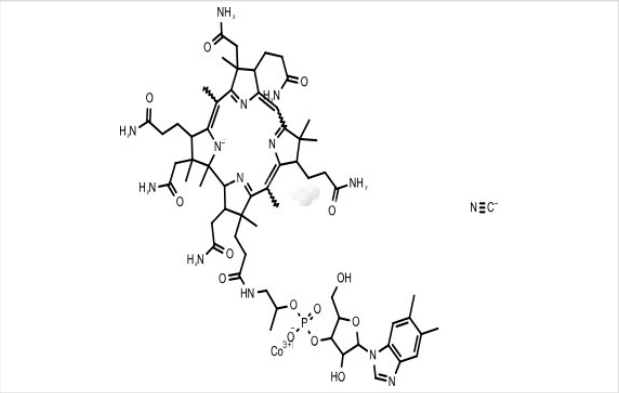
Description

Product Name	Cyanocobalamin
Brief Description	Inhibitors
Purification	98.00%
Target Name	Vitamin agonist
Calculated MW	1355.37
Formulation	C63H88CoN14O14P
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research Area:Metabolism systemSMILES:CC1=CC2=C(C=C1C)N(C=N2)[C@@H]3[C@@H]([C@@H]([C@H](O3)CO)OP(=O)([O-])O[C@H](C)CNC(=O)CC[C@@]4([C@H]([C@@H]5[C@]6([C@@]([C@@H](/C(=C(/C7=N/C(=C\C8=N/C(=C(\C4=N5)/C)/[C@H](C8(C)C)CCC(=O)N)/[C@H]([C@]7(C)CC(=O)N)CCC(=O)N)\C)/[N-]6)CCC(=O)N)(C)CC(=O)N)C)CC(=O)N)C)O.[C-]#N.[Co+3]Pathways:MetabolismReceptor:VB12Boling pt:Melting pt:>300CSolubility:Ethanol: 10 mg/mL (7.37 mM); Water: 6 mg/mL (4.42 mM); DMSO: 75 mg/mL (55.33 mM)Appearance:Red PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

References

1. Ghazanfari S, et al. Drug Res (Stuttg). 2014 Mar;64(3):113-7.

Note: This product is for in vitro research use only